

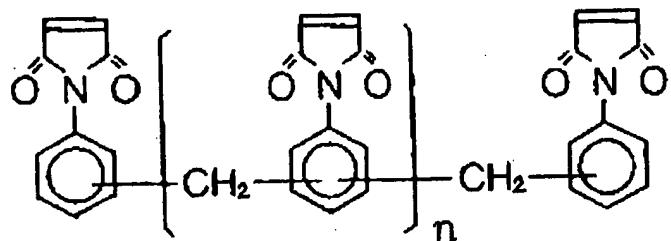
Appl. No. : 10/081,003
Filed : February 20, 2002

AMENDMENTS TO THE CLAIMS

Please add new Claim 5 as follows.

1. (Original) An insulated electric power cable having an insulator layer formed by extrusion-coating and cross-linking a cross-linkable resin composition, which comprises a polyolefin blended with a total of 0.05 to 0.4 parts by mass of at least one compound selected from the group consisting of bis(3-ethyl-5-methyl-4-maleimidophenyl)methane, 2,2-bis[4-(4-maleimidophenoxy) phenyl]propane, N,N'-m-phenylenebismaleimide, N,N'-(4,4'-diphenylmethane)bismaleimide, and a compound represented by the following formula (1), based on 100 parts by mass of the polyolefin, and a prescribed amount of an organic peroxide cross-linking agent:

Formula (1)



wherein n is an integer of 1 or more.

2. (Original) The insulated electric power cable according to claim 1, wherein the organic peroxide cross-linking agent is a compound for which 1-hour half-life temperature is at least 140 °C.

3. (Original) The insulated electric power cable according to claim 1, wherein a prescribed amount of an anti-scorching agent is further added to the cross-linkable resin composition.

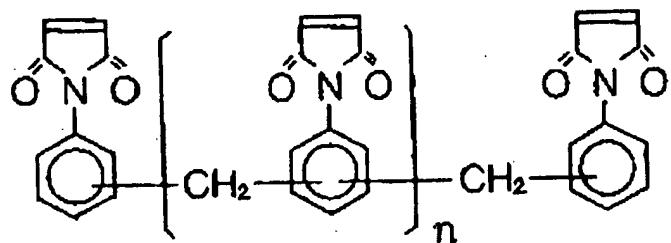
4. (Original) The insulated electric power cable according to claim 1, wherein the cable is a direct-current electric power cable

5. (New) An insulated electric power cable carrying direct current and having an insulator layer formed by extrusion-coating and cross-linking a cross-linkable resin composition,

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which comprises a polyolefin blended with a total of 0.05 to 0.4 parts by mass of at least one compound selected from the group consisting of bis(3-ethyl-5-methyl-4-maleimidophenyl)methane, 2,2-bis[4-(4-maleimidophenoxy) phenyl]propane, N,N'-m-phenylenebismaleimide, N,N'-(4,4'-diphenylmethane)bismaleimide, and a compound represented by the following formula (1), based on 100 parts by mass of the polyolefin, and a prescribed amount of an organic peroxide cross-linking agent:

Formula (1)



wherein n is an integer of 1 or more.